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Montgomery

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(54) **HEADBAND WITH HAIRPIECE**

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Related U.S. Application Data

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A41G 3/00 (2006.01)
A41G 5/00 (2006.01)
A45D 8/12 (2006.01)

(52) **U.S. Cl.** **132/201**; 132/53; 132/275

(58) **Field of Classification Search** 132/53, 132/201, 54–56, 275
See application file for complete search history.

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(57) **ABSTRACT**

A device for supplementing human hair is disclosed. The device for supplementing human hair includes a headband and a hairpiece coupled to the headband. The headband is shaped to frictionally engage the human scalp. The hairpiece integrates with existing hair on the head of a user so that the hairpiece supplements and enhances existing hair. The headband includes a crown piece. The hairpiece includes a hairpiece base and a set of hair. The hairpiece base couples to the crown piece so that the headband holds the hairpiece in place on the scalp. A method of forming a hair supplementing device is disclosed which includes the steps of obtaining a headband, where the headband includes a crown piece, and obtaining a hairpiece, where the hairpiece comprises means to couple the hairpiece to the crown piece.

10 Claims, 9 Drawing Sheets

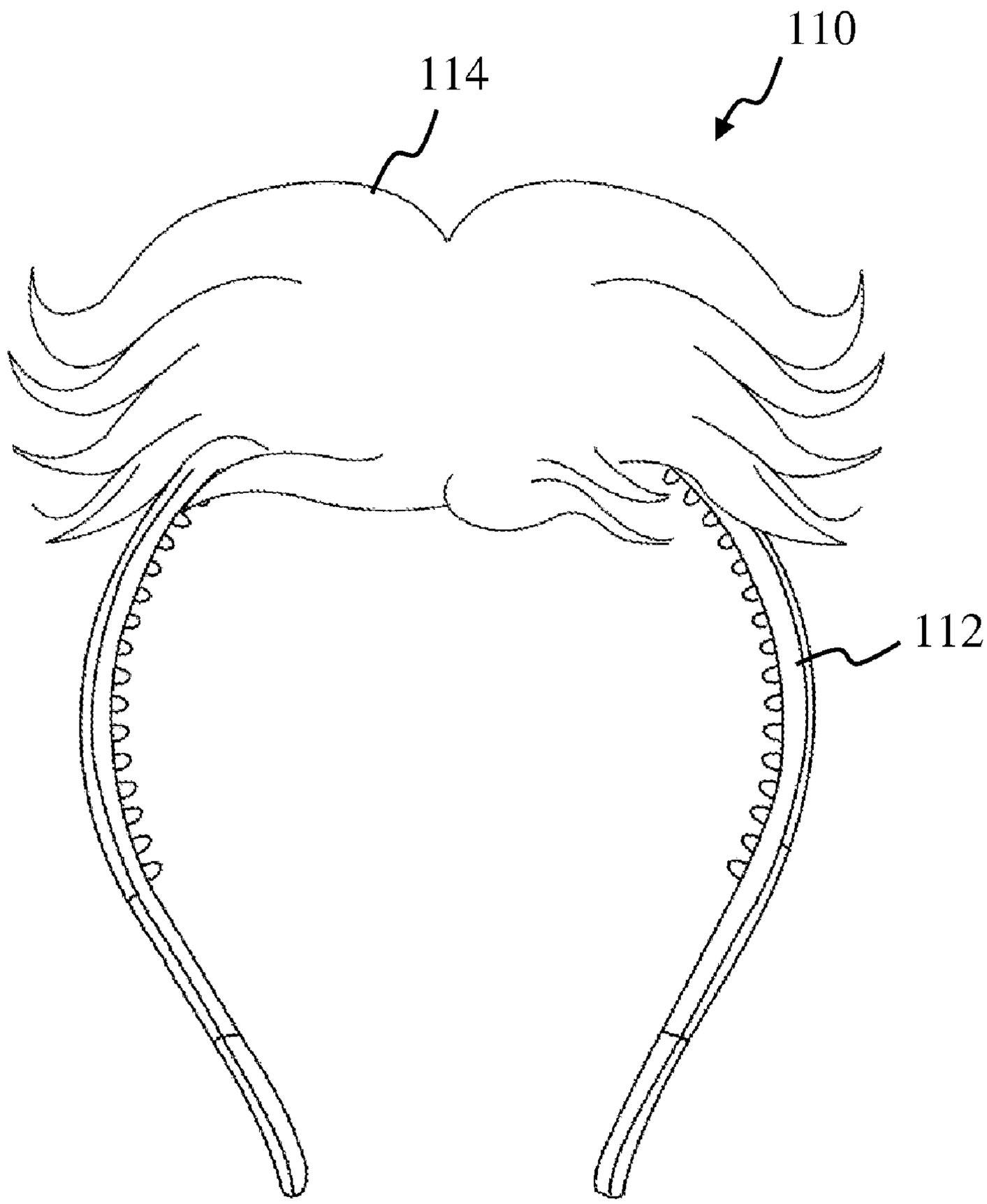

FIG. 1

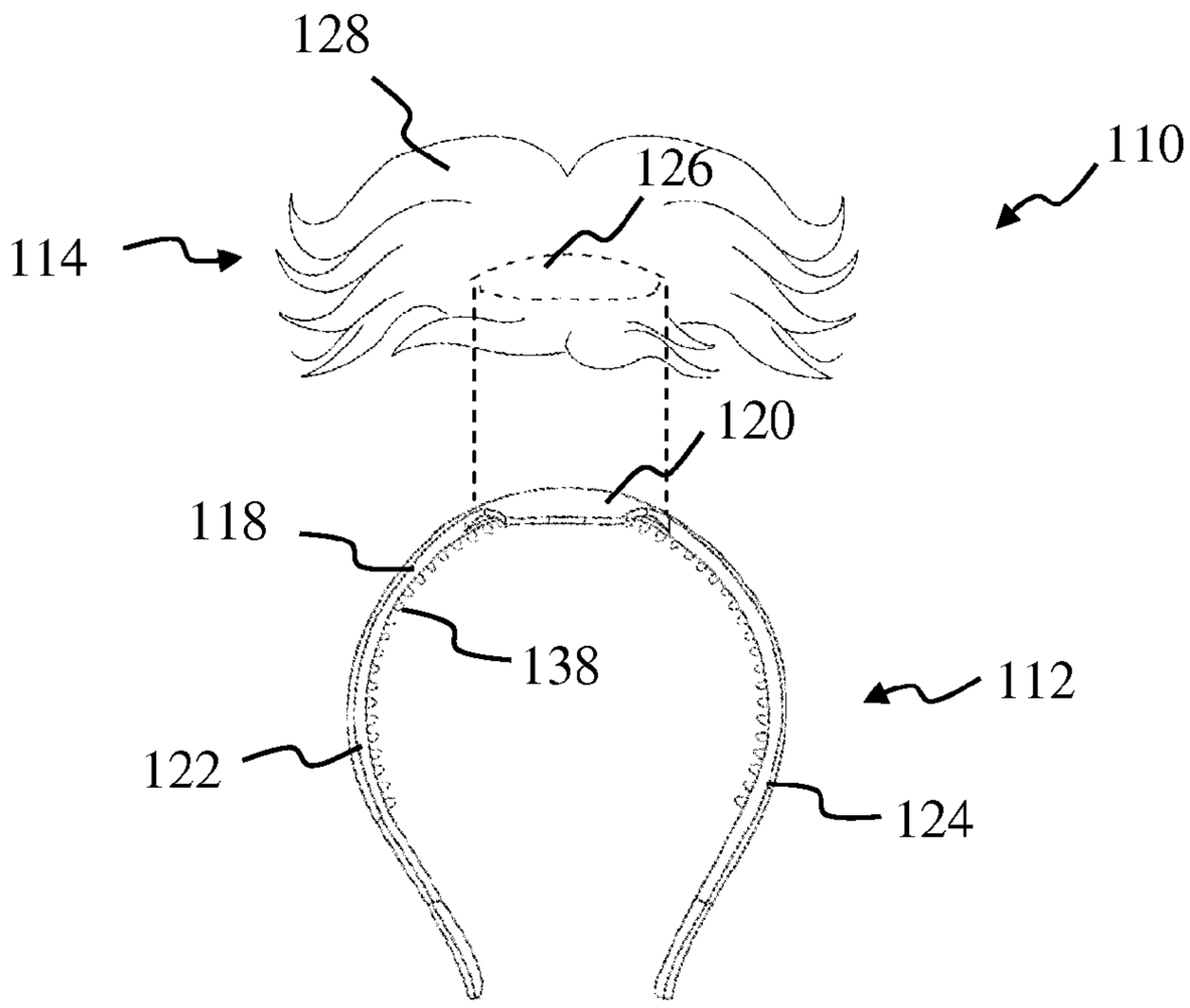

FIG. 2

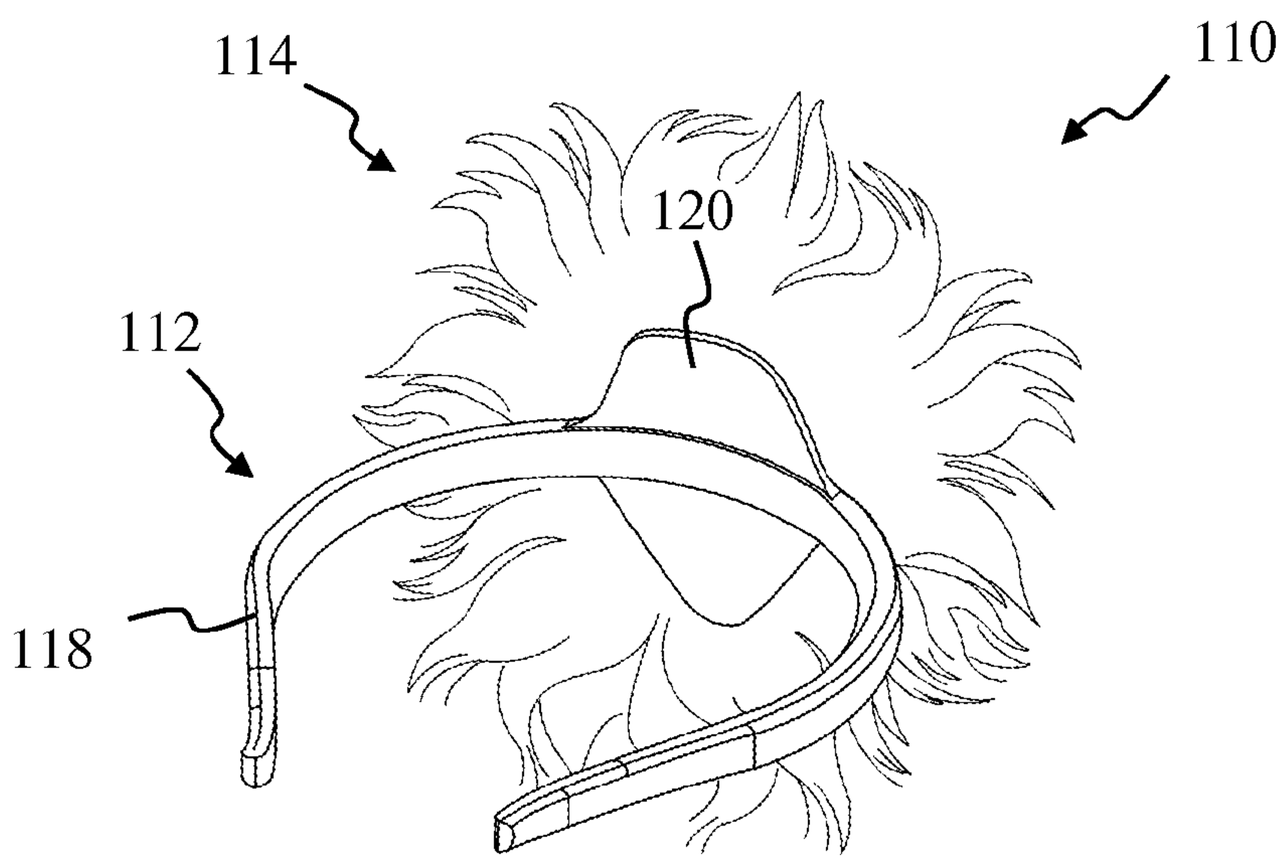

FIG. 3

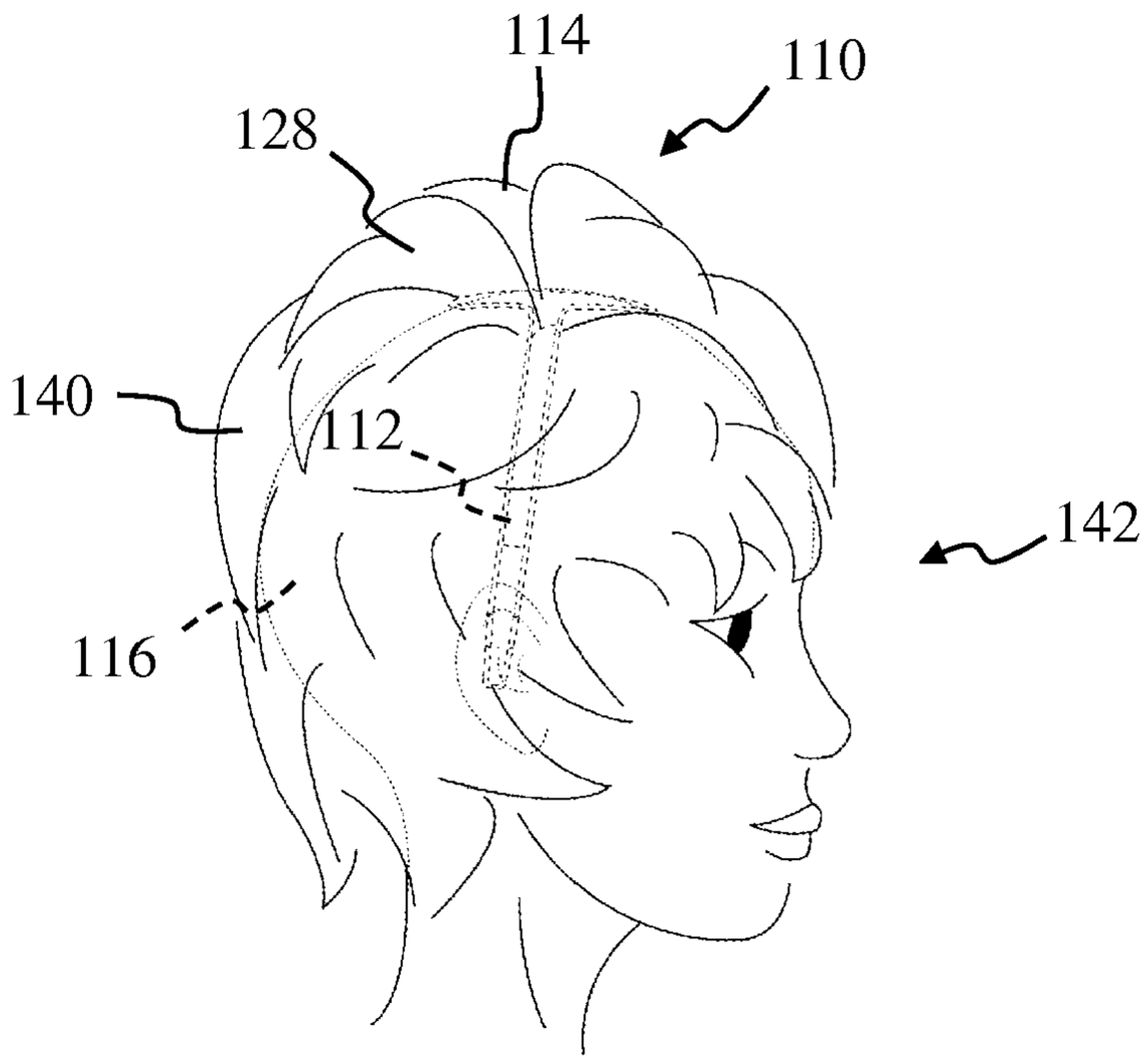

FIG. 4

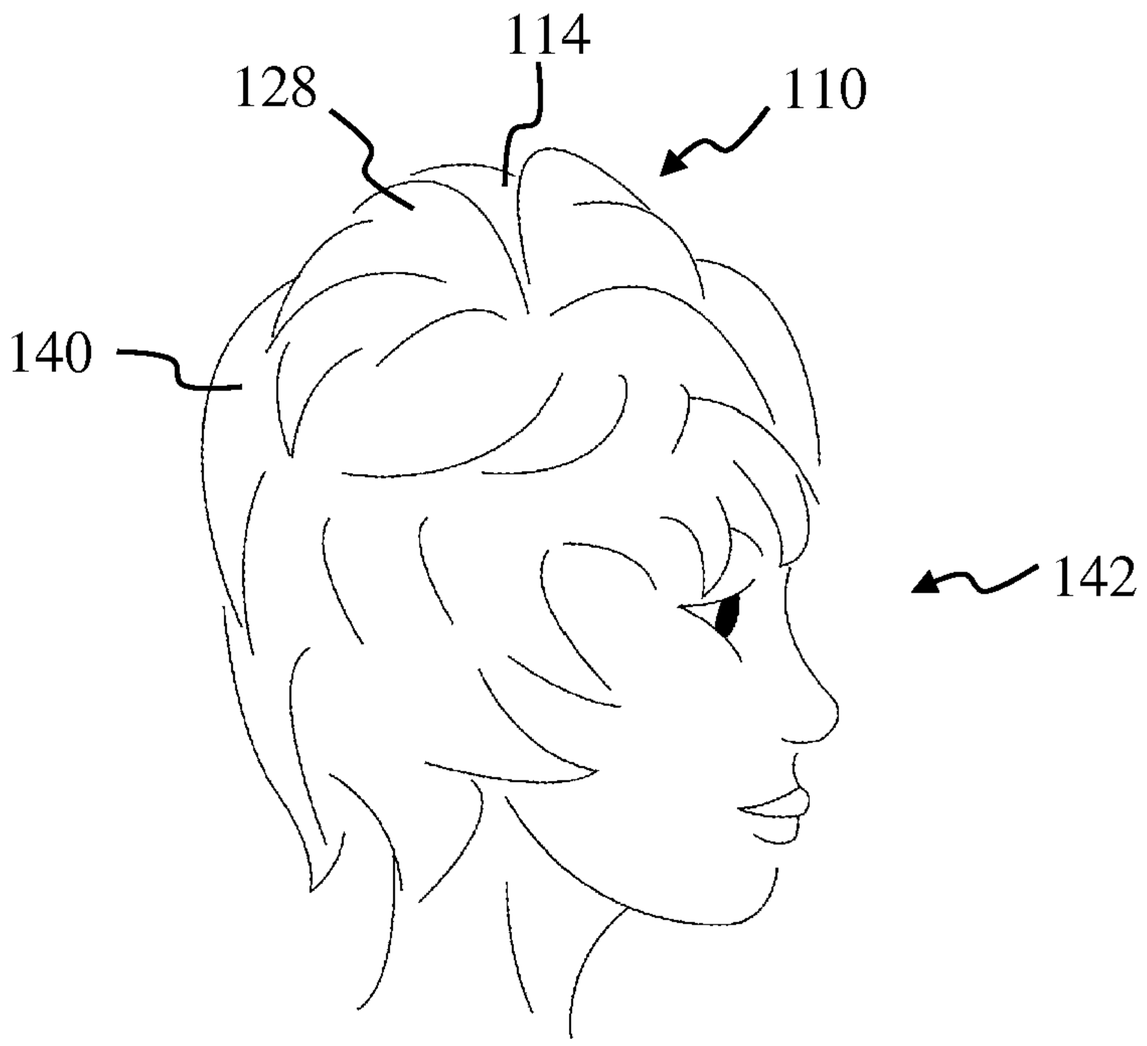

FIG. 5

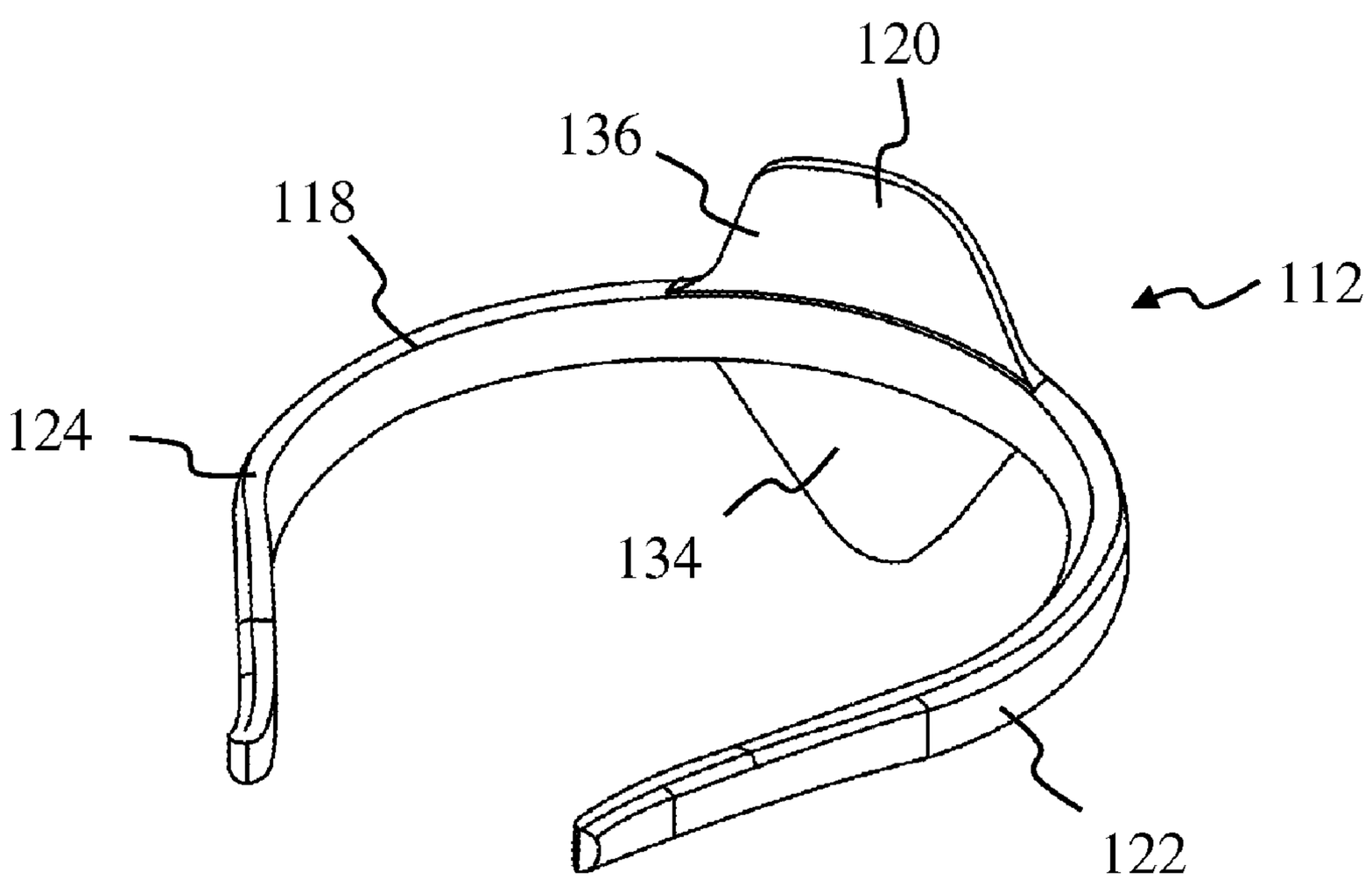

FIG. 6

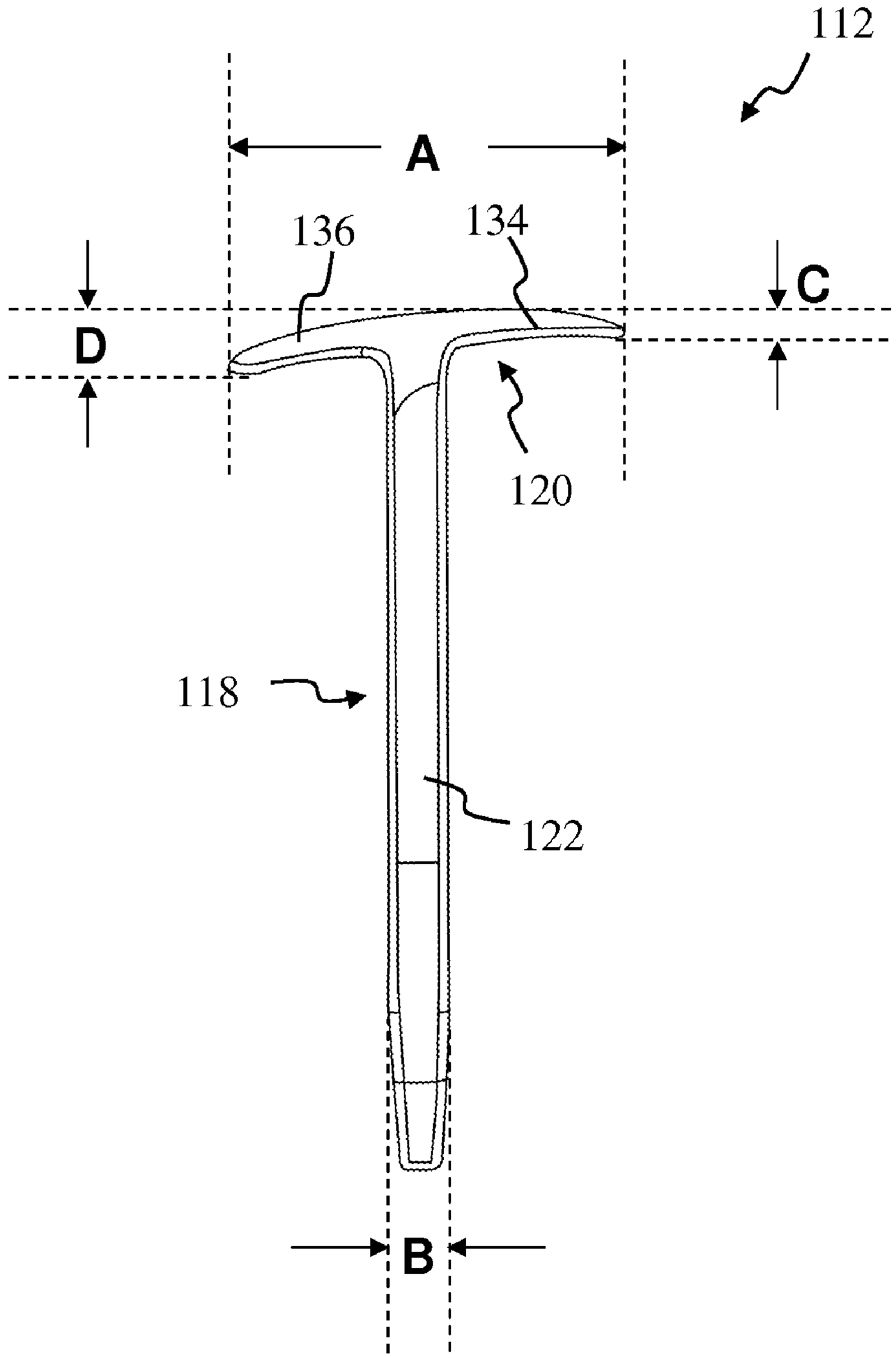

FIG. 7

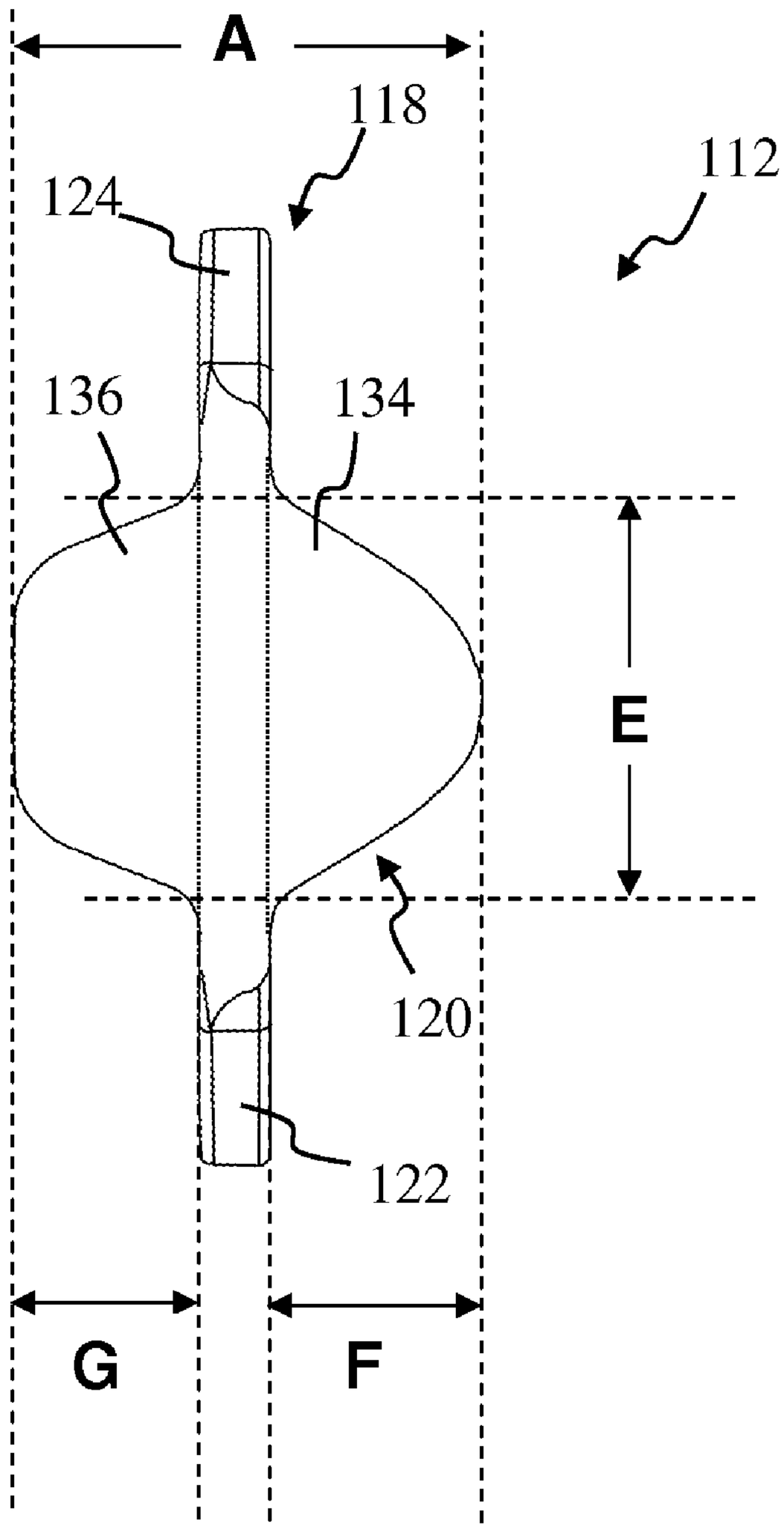

FIG. 8

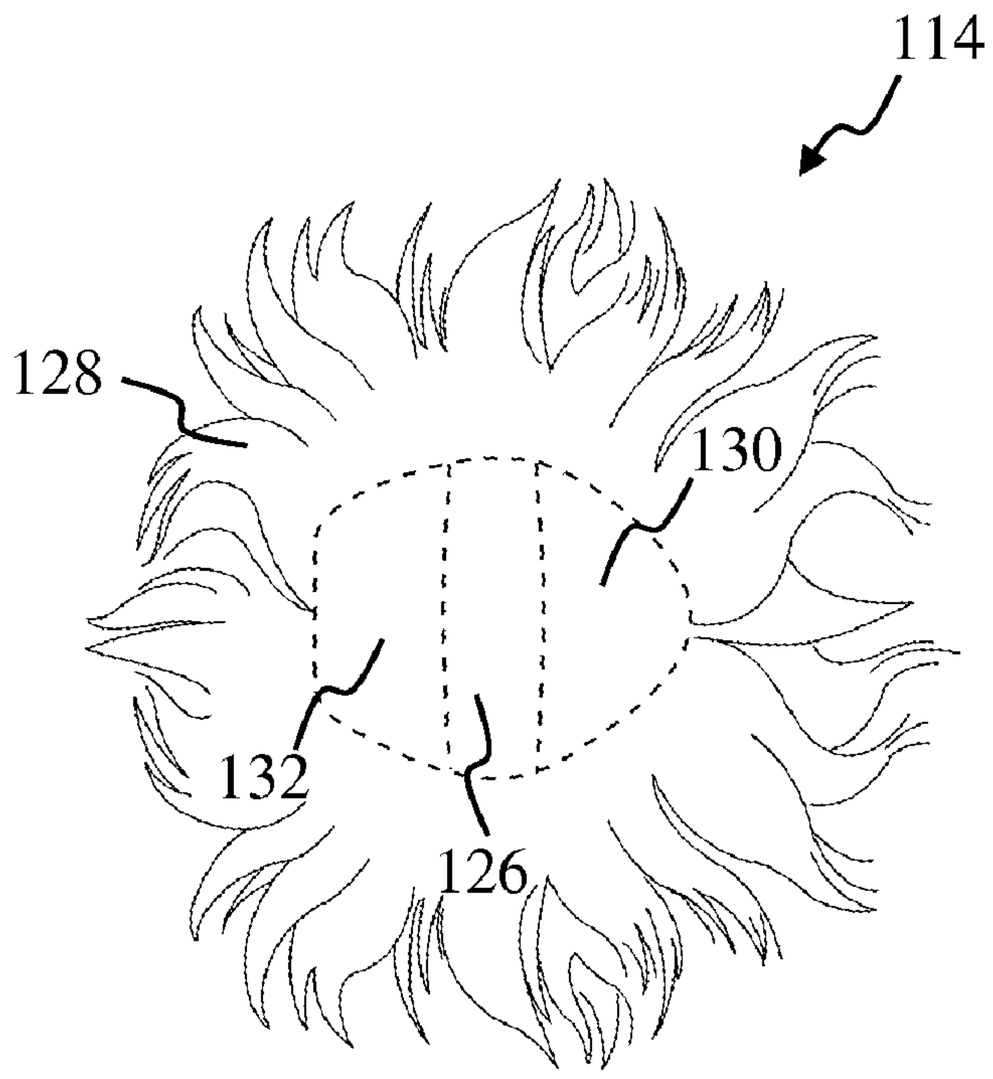

FIG. 9

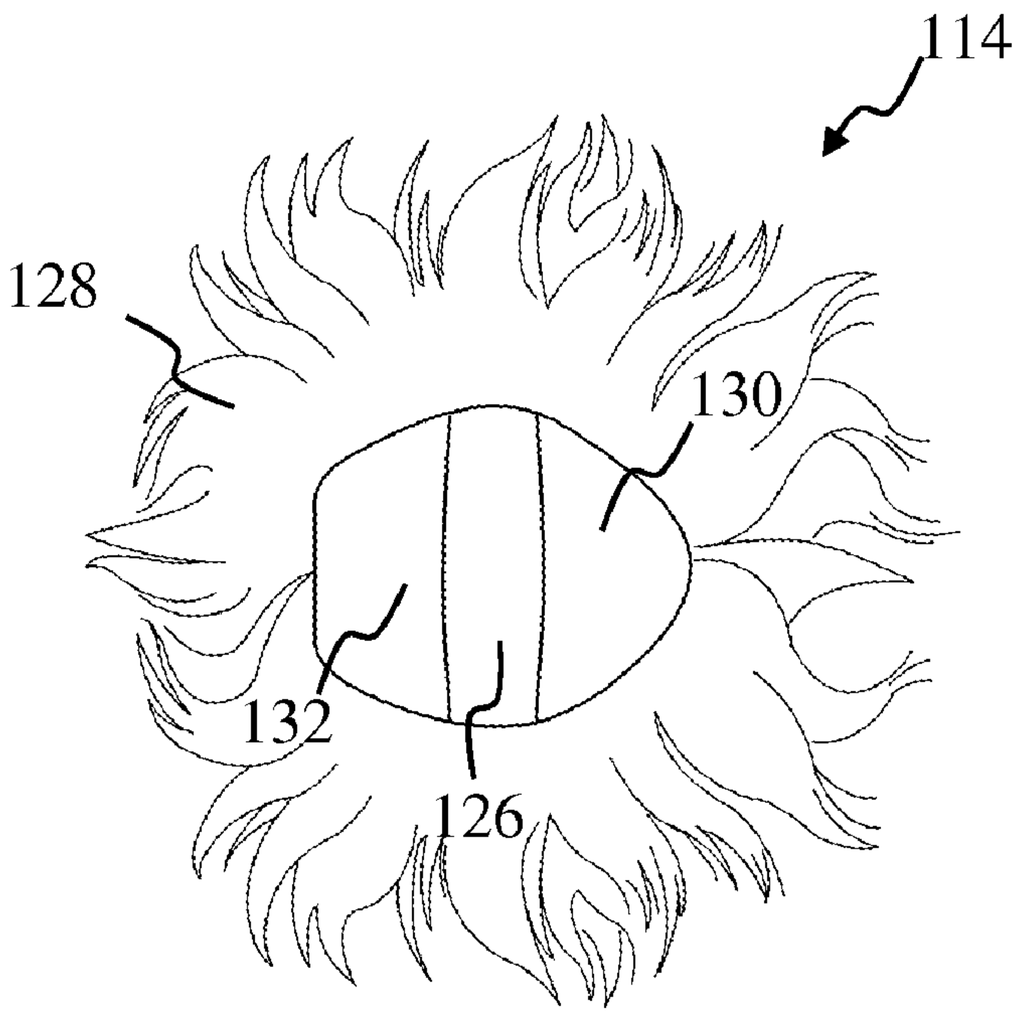

FIG. 10

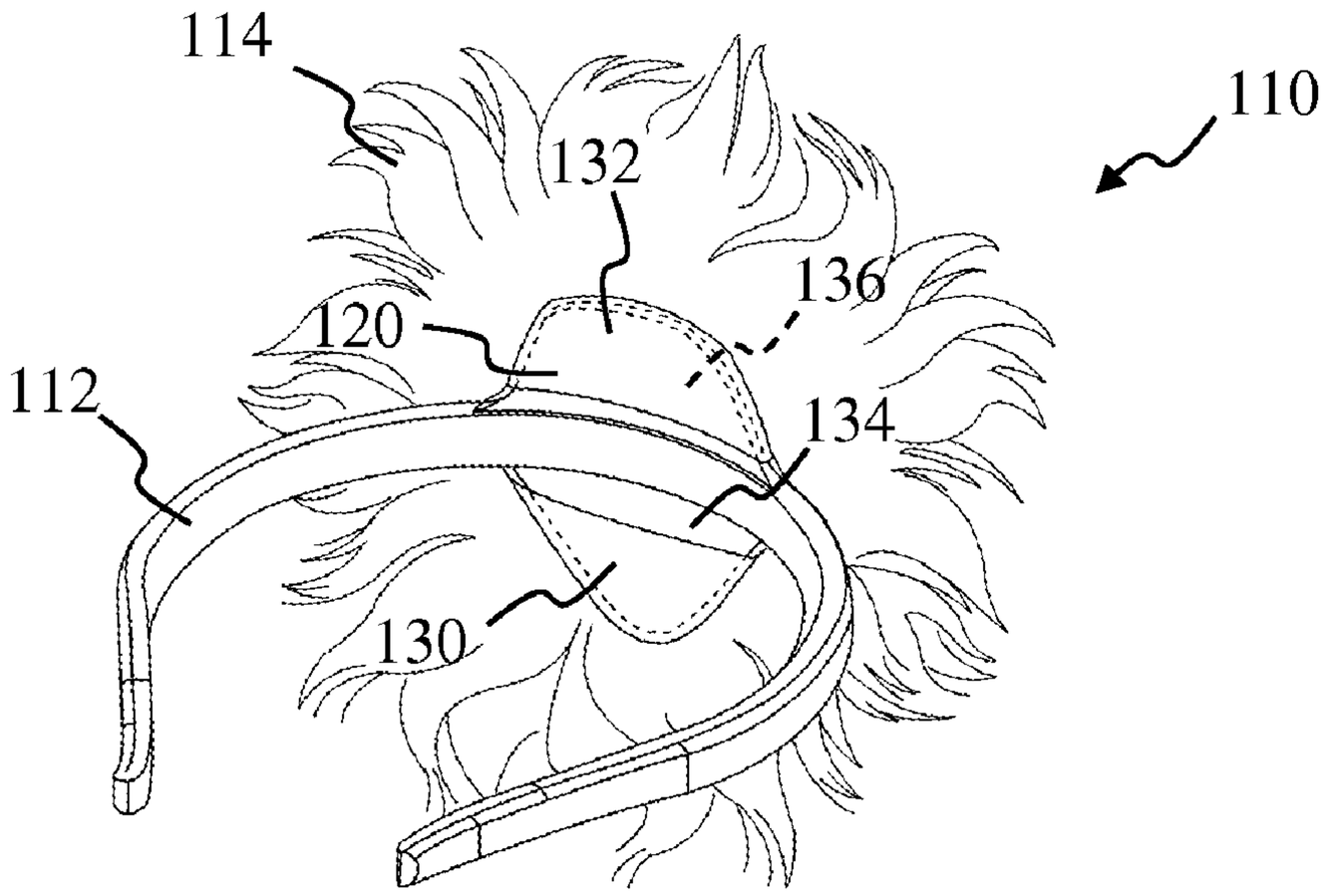

FIG. 11

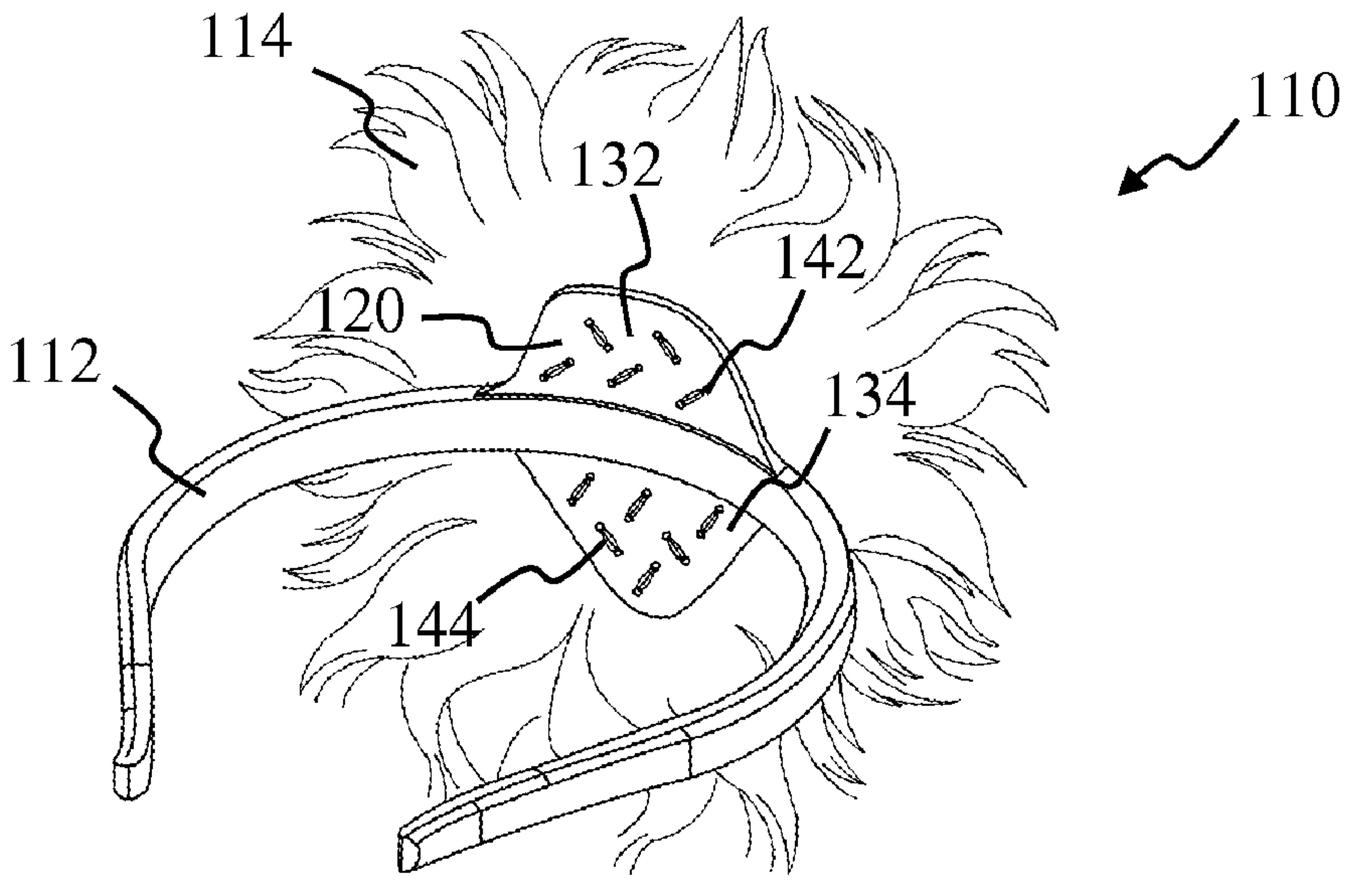

FIG. 12

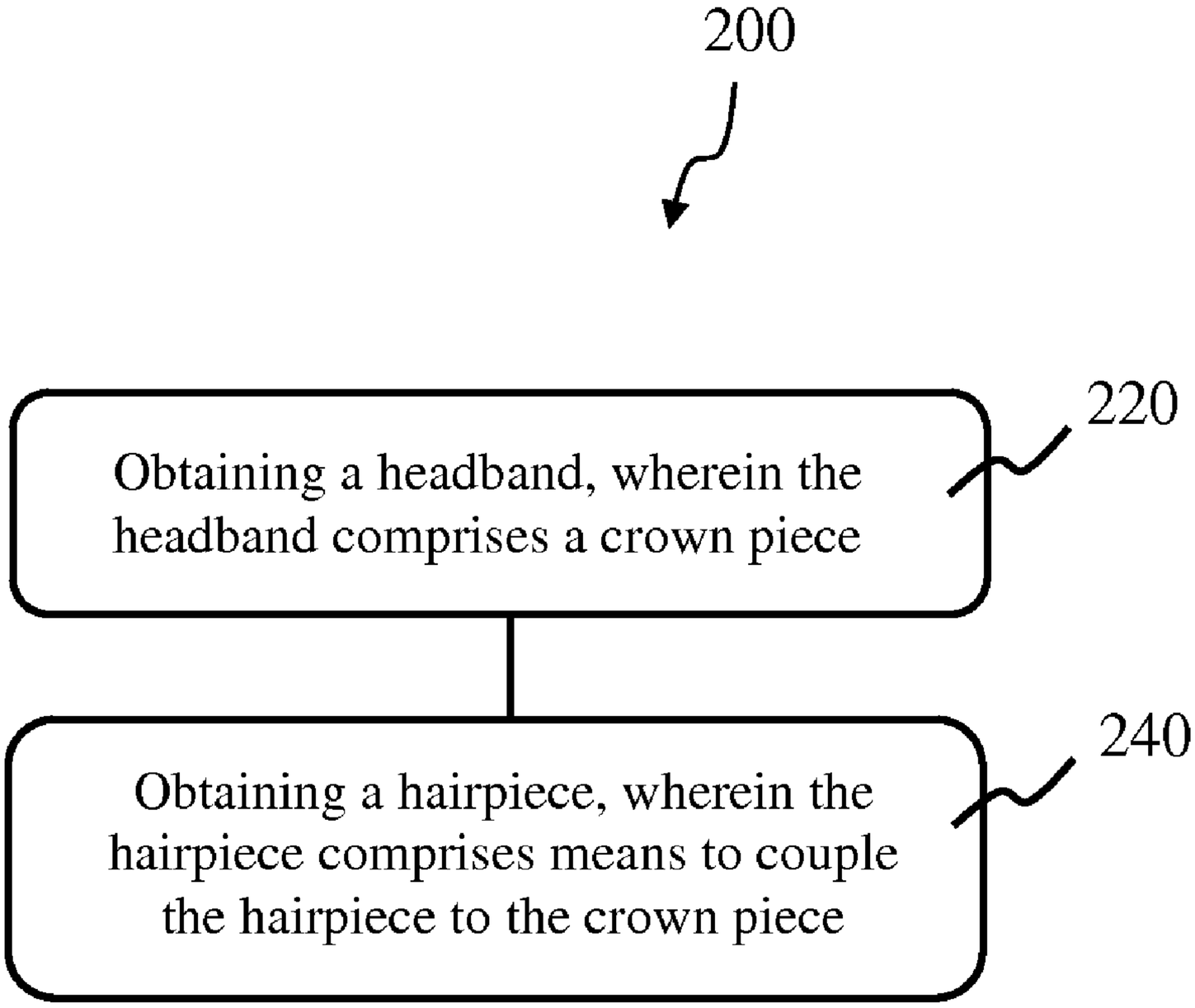
200
Obtaining a headband, wherein the headband comprises a crown piece
220
Obtaining a hairpiece, wherein the hairpiece comprises means to couple the hairpiece to the crown piece
240

FIG. 13

HEADBAND WITH HAIRPIECE

CROSS REFERENCE TO RELATED APPLICATION

This application claims priority to U.S. Provisional Patent Application to Deborah Ann Montgomery entitled "Headband with small hair piece attached to top for people who have thinning hair," Ser. No. 61/468,162 filed Mar. 28, 2011, the disclosure of which is hereby incorporated entirely herein by reference.

BACKGROUND OF THE INVENTION

1. Technical Field

This invention relates generally to wigs and hairpieces and in particular to a hairpiece for supplementing human hair in a thinning or balding spot on the head.

2. State of the Art

Wigs, hairpieces, and toupees have been used through history to supplement, replace, or adorn human hairstyles. These hair supplementing devices are often made from human hair or other natural or synthetic fibers. Wigs, hairpieces, and toupees are temporarily attached to the head to replace or supplement an individual's existing hair. Wigs often cover the scalp completely, replacing any existing hair with the hair of the wig. Hairpieces and toupees are often integrated into existing hair to cover bald spots on the head or to supplement thinning areas. Wigs, hairpieces, or toupees can also be used as hair fashion accessories, allowing an individual to easily change the length, color, or look of their own hair.

When a hairpiece is integrated into existing hair, a method of attaching the hairpiece onto the head is needed. The usual method of integrating a hairpiece into existing hair is to use bobby pins or other type of clip to hold the hairpiece to existing hair. One problem with this method of attachment is that clips tend to slip or move over time, allowing the hairpiece to move on the head. Another problem is that wind or other pressure or force on the hairpiece can cause the hairpiece to move or fall off. Thus it is desirable to have a hairpiece which can be easily and securely attached to the head, so that the hairpiece can be integrated into existing hair and stay in position throughout the time it is worn.

DISCLOSURE OF THE INVENTION

This invention relates generally to wigs and hairpieces and in particular to a hairpiece for supplementing human hair in a thinning or balding spot on the head. Disclosed is a device for supplementing human hair which includes a headband and a hairpiece coupled to the headband. The headband frictionally engages a human scalp. In some embodiments the headband includes a headband body portion, where the headband body portion frictionally engages the human scalp, and a crown piece coupled to the headband body portion. In some embodiments the hair piece comprises a hairpiece base, and a set of hair coupled to the hairpiece base. In some embodiments the hairpiece base couples to the crown piece. In some embodiments the hairpiece base includes one or more than one pocket, wherein the one or more than one pocket receives the crown piece. In some embodiments the hairpiece base is glued to the crown piece. In some embodiments the hairpiece base is sewn to the crown piece.

Disclosed is a hair supplementing device which includes a headband that includes a crown piece, and a hairpiece coupled to the crown piece. In some embodiments the hair piece is removably coupled to the crown piece. In some

embodiments the crown piece is removably coupled to the headband. In some embodiments the crown piece is an integral part of the headband. In some embodiments the crown piece is arched to fit the shape of a human scalp. In some embodiments the crown portion further includes a front portion, where the front portion extends out from a headband body portion in a frontward direction, and a rear portion, where the rear portion extends out from the headband body portion in a rearward direction. In some embodiments the crown piece has a length of about 2 and ½ inches. In some embodiments the crown piece has a width of about 1 and ⅞ inches.

A method of forming a hair supplementing device is disclosed, which includes the steps of obtaining a headband, where the headband comprises a crown piece; and obtaining a hairpiece, where the hairpiece comprises means to couple the hairpiece to the crown piece. In some embodiments the step of obtaining a headband, where the headband comprises a crown piece, includes the steps of forming a crown piece, coupling a first headband arm to the crown piece; and coupling a second headband arm to the crown piece. In some embodiments the step of obtaining a headband, where the headband comprises a crown piece, includes the steps of forming a headband body portion, forming a crown piece, and coupling the crown piece to the headband body portion. In some embodiments the step of obtaining a headband, where the headband comprises a crown piece, includes the step of forming a headband with an integral crown piece. In some embodiments obtaining a hairpiece includes forming a hairpiece with one or more than one pocket for receiving the crown piece. In some embodiments method **200** includes the step of coupling the hairpiece to the crown piece.

The foregoing and other features and advantages of the present invention will be apparent from the following more detailed description of the particular embodiments of the invention, as illustrated in the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. **1** is a front view of one embodiment of device for supplementing human hair **110** according to the invention.

FIG. **2** is an exploded front view of device for supplementing human hair **110** of FIG. **1**.

FIG. **3** is a bottom perspective view of an embodiment of device for supplementing human hair **110** according to the invention.

FIG. **4** is a side perspective view of an embodiment of device for supplementing human hair **110** according to the invention being used on head **142**, showing that headband **112** frictionally engages scalp **116**.

FIG. **5** is a side perspective view of device for supplementing human hair **110** of FIG. **4** being used on head **142**, showing that set of hair **128** of hairpiece **114** integrates into existing hair **140** of head **142**.

FIG. **6** is a bottom perspective view of headband **112** of device for supplementing human hair **110** of FIG. **3**.

FIG. **7** is a side view of headband **112** of device for supplementing human hair **110** of FIG. **3**.

FIG. **8** is a top view of headband **112** of device for supplementing human hair **110** of FIG. **3**.

FIG. **9** is a top view of an embodiment of hairpiece **114** according to the invention.

FIG. **10** is a bottom view of hairpiece **114** of FIG. **9**.

FIG. **11** is a bottom perspective view of another embodiment of device for supplementing human hair **110** according

to the invention, using hairpiece **114** of FIG. **9** and FIG. **10**, where hairpiece **114** couples to crown piece **120** using pockets **130** and **132**.

FIG. **12** is a bottom perspective view of a further embodiment of device for supplementing human hair **110** according to the invention, where hairpiece **114** is sewn to crown piece **120** using holes **142** and thread **144**.

FIG. **13** shows method **200** of forming a hair supplementing device according to the invention.

DETAILED DESCRIPTION OF EMBODIMENTS OF THE INVENTION

As discussed above, embodiments of the present invention relate to wigs and hairpieces and in particular to a hairpiece for supplementing human hair in a thinning or balding spot. The device for supplementing human hair according to the invention provides a hairpiece with supplemental hair that fills in balding or thinning areas in a human head of hair. The device for supplementing human hair according to the invention includes the hairpiece and a headband. The hairpiece is coupled to the headband. The headband holds the hairpiece in place on a scalp such that the hairpiece is integrated into and supplements existing hair. The headband can be worn so that it is not seen or it can be worn in a position where it is seen and adds to the hairstyle.

FIG. **1** shows a front view of device for supplementing human hair **110** according to the invention. Device for supplementing human hair **110** includes headband **112** and hairpiece **114** coupled to headband **112**. Headband **112** is shaped to frictionally engage a human scalp. FIG. **2** shows an exploded view of device for supplementing human hair **110** of FIG. **1**, showing hairpiece **114** and headband **112** decoupled from each other. Headband **112** includes crown piece **120**. Hairpiece **114** couples to crown piece **120**.

Hairpiece **114** includes hairpiece base **126**, and set of hair **128** coupled to hairpiece base **126**, as shown in FIG. **2**. Hairpiece base **126** couples to crown piece **120**. In some embodiments hairpiece base **126** is removably coupled to crown piece **120**. Hairpiece base **126** being removably coupled to crown piece **120** is advantageous for using the same headband **120** with multiple hairpieces **114**. In some embodiments hairpiece base **126** is not removably coupled to crown piece **120**.

FIG. **3** shows a bottom perspective view of an embodiment of hair supplementing device **110** according to the invention. In the embodiment of device for supplementing human hair of FIG. **3**, hairpiece base **126** is glued to crown piece **120**. In the embodiment shown in FIG. **3**, headband **112** does not include teeth **138** as shown in FIG. **1** and FIG. **2**, but it is to be understood that teeth **138** can be used with any of the embodiments of device for supplementing human hair **110** illustrated in this document.

In the embodiment of device for supplementing human hair **110** shown in FIG. **1** and FIG. **2**, headband **112** includes headband body portion **118**, and crown piece **120** coupled to headband body portion **118**. Headband body portion **118** is the part of headband **112** which is shaped to frictionally engage the human scalp. In this embodiment headband body portion **118** is formed in an inverted U-shape, with first arm **122** and second arm **124** as the two arms of the U. Headband body portion **118** is in this embodiment formed of a flexible material, with first arm **122** and second arm **124** biased towards their resting position so that when headband **112** is placed on the head, first arm **122** and second arm **124** of headband body portion **118** frictionally engage scalp **116** (see FIG. **4**), which holds device for supplementing human hair **110** firmly in place on the head. In this embodiment headband **112** includes teeth **138** which grip scalp **116**. In some embodiments headband **112** does not include teeth **138**. In some embodiment headband **112** include other devices for frictionally engaging scalp **116**. Teeth **138** are not shown in all the drawings of headband **112** in this document for simplicity sake, but it is to be understood that teeth **138** can be used on other embodiments of headband **112** according to the invention.

FIG. **4** and FIG. **5** show side views of device for supplementing human hair **110** of FIG. **1** being used on head **142**. As shown in FIG. **4**, headband **112** frictionally engages human scalp **116** of head **142**. Hairpiece **114** is coupled to headband **112**. Set of hair **128** of hairpiece **114** adds to existing human hair **140** to create a fuller head of hair on head **142**. As shown in FIG. **5**, set of hair **128** of hairpiece **114** supplements human hair **140**. In the embodiment shown in FIG. **4** and FIG. **5**, device for supplementing human hair **110** is used in a manner such that headband **112** is not visible. Device for supplementing human hair **110** can be worn such that headband **112** is visible and becomes part of the hairstyle. In some embodiments headband **112** can be fashionably adorned or patterned. Device for supplementing human hair **110** can be easily placed on the head and removed. Set of hair **128** can be styled into hair **140** in many different ways. Set of hair **128** adds to the thickness, and in some embodiments the length, of hair **140** of the person wearing device for supplementing human hair **110**.

As mentioned earlier, hair supplementing device **110** according to the invention includes headband **112**, where headband **112** includes crown piece **120**. Headband **112** includes headband body portion **118** which frictionally engages scalp **116**, and crown piece **120** coupled to headband body portion **118**. Hair supplementing device **110** according to the invention also includes hairpiece **114** coupled to crown piece **120**.

Hairpiece **114** includes hairpiece base **126**, and set of hair **128**, as shown in FIG. **2**. Set of hair **128** is coupled to hairpiece base **126**. Set of hair **128** can be attached to hairpiece base **126** in many different ways, as is known in the art of hairpieces. Hairpiece base **126** is often made of a mesh or weaved fabric that lends itself to having set of hair **128** weaved into it. In some embodiments hairpiece base **126** is made of monofilament welded mesh. In some embodiments hairpiece base **126** is made of a polyurethane coated fabric. In some embodiments hairpiece base **126** is made of a fabric with a coating other than polyurethane. Hairpiece base **126** can be made of any material, mesh, fabric, or substance that can be made to securely hold set of hair **128**.

Set of hair **128** can be human hair, synthetic hair, or any type of hair substance or material that an individual would like to integrate into their own hair. In some embodiments set of hair **128** is made using the hair of the individual that will be wearing hair supplementing device **110**. Set of hair **128** is often weaved into hairpiece base **126** so that set of hair **128** is securely fastened to hairpiece base **126**. Set of hair **128** can include hair of all the same length or hair of different lengths, depending on the hairstyle and hair effect desired. In some embodiments set of hair **128** includes hair with lengths varying from one inch to 12 inches long.

Headband **112** includes headband body portion **118** and crown piece **120**, as shown in FIG. **2**, FIG. **3**, and in FIG. **6** through FIG. **8**. FIG. **6** shows a bottom perspective view of headband **112** of device for supplementing human hair **110** according to the invention of FIG. **3**. FIG. **7** shows a side view of headband **112** of FIG. **6**, and FIG. **8** shows a top view of headband **112** of FIG. **6**. Headband body portion **118** is shaped to frictionally engage human scalp **116**, as shown in

FIG. **4** and FIG. **5**. Crown piece **120** is the portion of headband **112** that hairpiece **114** couples to. Headband body portion **118** and crown piece **120** are formed of one integral piece in this embodiment, but hair supplementing device **110** according to the invention is not limited in this aspect.

Crown piece **120** is a platform used to hold hairpiece **114** securely to headband **112**. In this embodiment crown piece **120** is a flat disc-shaped element coupled to the top of headband body portion **118**. In this embodiment crown piece **120** is formed of material about 1/16 inch thick, but crown piece **120** according to the invention can be other thicknesses. Crown piece **120** is arched to fit the shape of the crown of the head, as shown in FIG. **7**. FIG. **8** illustrates that crown piece **120** in this embodiment has a top view shape that is somewhat egg-shaped. Crown piece **120** can be any shape, including round, oval, square, triangular, elliptical, or any other shape which allows hairpiece **114** to be coupled to headband **112**. Crown piece **120** can be many different sizes. Crown piece **120** is sized to securely couple hairpiece **114** to headband **112**, while also fitting comfortably on the top of a head. In the embodiment shown FIG. **6** through FIG. **8**, crown piece **120** has a front to back length A of about 2 and ½ inches. This length provides a size for securely holding hairpiece **114** to headband **112** while not covering too much of scalp **116** or existing hair **140**. In some embodiments crown piece length A is between about 2 inches and about 3 inches. In some embodiments crown piece A has a length smaller than 2 inches or larger than 3 inches.

In the embodiment shown crown piece **120** has a width E of about 1 and 7/8 inches. This width provides a secure platform for coupling hairpiece **114** to headband **112**, while not restricting the length or flexibility of first arm **122** or second arm **124**. In some embodiments crown piece **120** has a width E of between about 1 and ½ inches and about 2 and ¼ inches. In some embodiments crown piece **120** has a width E outside this range.

Crown piece **120** can be coupled to headband body portion **118** in many different ways. In some embodiments, such as the embodiment shown in FIG. **6** through FIG. **8**, crown piece **120** is formed as an integral part of headband **112**. In this embodiment crown piece **112** is an integral part of headband body portion **118**. In some embodiments crown piece **120** is formed as a separate piece from headband body portion **118**, with crown piece **120** being coupled to headband body portion **118**. In some embodiments crown piece **120** is removably coupled to headband body **118**. In some embodiments crown piece **120** and body portion **118** are made to snap together. In some embodiments crown piece **120** is glued to headband body portion **118**. In some embodiments crown piece **120** is screwed, clipped, or otherwise coupled to headband body portion **118** using attachment devices. Crown piece **120** and headband body portion **118** according to the invention can be coupled together in any way. In some embodiments crown piece **120** is formed of a single piece. In some embodiments crown piece **120** is formed of multiple parts coupled together to form crown piece **120**.

In the embodiment of headband **112** shown in FIG. **6** through FIG. **8**, headband **112** includes headband body portion **118**, where headband body portion **118** is a U-shaped band which frictionally grabs human scalp **116**. In some embodiments headband body portion **118** is a rowlock arch shape. Headband body portion **118** in this embodiment includes first headband arm **122** and second headband arm **124**. First headband arm **122** and second headband arm **124** are often flexible so they can be flexed apart from one another to place them over scalp **116**. Once in place on a human head, first headband arm **122** and second headband arm **124** frictionally engage scalp **116** so that headband **112** stays in place on scalp **116**. First headband arm **122** and second headband arm **124** in this embodiment are flexibly biased towards their resting position so that they frictionally grab scalp **116**. In some embodiments headband body portion **118** includes elements which help hold headband body portion **118** to scalp **116**. In some embodiments first arm **122** and/or second arm **124** have a length that is adjustable to allow them to fit to different size heads and on different positions on the head.

In the embodiment of headband **112** shown in FIG. **1** and FIG. **2**, headband body portion **118** includes teeth **138**. In some embodiments headband body portion **118** includes other gripping elements. In some embodiments first headband arm **122** and/or second headband arm **124** are rubber coated on the tips to help hold headband **112** in place on scalp **116**.

Headband body portion **118** can be many different sizes and shapes and materials. In this embodiment headband body portion **118** has a width B as shown in FIG. **7**. In this embodiment width B is about 3/8 inch wide. In some embodiments width B is between about ¼ inch and about ½ inch. In some embodiments width B is other values. In the embodiment shown in FIG. **6** through FIG. **8**, headband body portion **118** has a thickness of about 3/16 inch thick. In some embodiments headband body portion **118** has other thickness values. Headband body portion **118** is formed of flexible plastic in this embodiment. In some embodiments headband body portion **118** is formed of other materials. Headband body portion **118** can be formed of any material which allows headband body portion to comfortably and securely engage the human head.

Crown piece **120** according to the invention can take many different forms. In the embodiments shown, crown piece **120** of headband **112** includes two elements, front portion **134**, and rear portion **136**, as shown in FIG. **6** through FIG. **8**. In some embodiments crown piece **120** is formed of a single element. In some embodiments crown piece **120** is formed of more than two elements. Front portion **134** extends outward from headband body portion **118** in a frontward direction. Rear portion **136** extends outward from headband body portion **118** in a rearward direction. In this embodiment front portion **134** and rear portion **136** of crown piece **120** are formed as an integral part of headband body portion **118**. In some embodiments front portion **134** and/or rear portion **136** are formed separately and coupled to headband body portion **118**. In some embodiments front portion **134** and/or rear portion **136** of crown piece **120** snap onto headband body portion **118**. In some embodiments front portion **134** and/or rear portion **136** of crown piece **120** are glued onto headband body portion **118**. In some embodiments front portion **134** and/or rear portion **136** of crown piece **120** are coupled to headband body portion **118** with attachments devices such as screw, bolts, rivets, or other attachment devices.

As mentioned earlier, crown piece **120** is arched to fit the crown of the head, as shown in FIG. **7**. In this embodiment, crown piece **120** is about 1/16 inches thick. Crown piece **120** is arched with different arch depths C and D. The arch depths C and D can be chosen to fit different sizes and shapes of heads as desired. In the specific embodiment shown in the figures, front portion **134** has an arch depth C of about 3/16 inch, and rear portion **136** has an arch depth D of about 3/8 inch. In some embodiments the arch depth C is between about 1/8 inch and about 5/16 inch. In some embodiments the arch depth B is between about ¼ inch and about ½ inch. Arch depths C and D can be chosen to be any dimension to fit specific sizes and shapes of heads **142**.

Front portion **134** can be made any size and shape that allows coupling of hairpiece base **126** to front portion **134**,

and fits comfortably on a head. In the embodiment of headband **112** shown in FIG. **6** through FIG. **8**, front piece **134** is an approximation of a rounded triangular shape, as shown in FIG. **8**. In this embodiment front piece **134** protrudes a width F from headband body portion **118**, where width F is a distance of about 1 and ⅛ inch. In some embodiments front piece **134** protrudes a width F from headband body portion **118**, where width F is a distance between about 1 inch and about 1 and ¼ inch from headband body portion **118**. In some embodiments front piece **134** protrudes a width F from headband body portion **118**, where width F is a distance between about ¾ inch and about 1 and ½ inches from headband body portion **118**. In some embodiments front piece **134** protrudes a width F from headband body portion **118**, where width F is a distance larger or smaller than 1 and ⅛ inches. It is to be understood that front portion **134** can be any size or shape that fulfils its purpose of coupling hairpiece **114** onto headband **112**.

Rear portion **136** can be made any size and shape that allows coupling of hairpiece base **126** to rear portion **136**, and fits comfortably on a head. In the embodiment of headband **112** shown in FIG. **6** through FIG. **8**, rear portion **136** is an approximation of a rounded rectangular shape, as shown in FIG. **8**. In this embodiment rear portion **136** protrudes a width G from headband body portion **118**, where width G is a distance of about 1 inch. In some embodiments rear portion **136** protrudes a width G from headband body portion **118**, where width G is a distance between about ¾ inch and about 1 and ¼ inch from headband body portion **118**. In some embodiments rear portion **136** protrudes a width G from headband body portion **118**, where width G is a distance between about ½ inch and about 1 and ½ inch from headband body portion **118**. In some embodiments rear portion **136** protrudes a width G from headband body portion **118**, where width G is a distance larger or smaller than 1 inch. It is to be understood that rear portion **136** can be any size or shape that fulfils its purpose of coupling hairpiece **114** onto headband **112**.

As discussed earlier, hairpiece **114** is coupled to headband **112**. In particular, hairpiece **114** is coupled to headband **112** because hairpiece base **126** is coupled to crown piece **120**. Hairpiece base **126** is coupled to crown piece **120** so that hairpiece **114** is attached to headband **112**. Headband **112** is holding onto scalp **116**. Hairpiece **114** is attached to headband **112** so that hairpiece **114** stays in place on scalp **116**, allowing set of hair **128** to supplement hair **140** of the person wearing device for supplementing human hair **110**.

Hairpiece base **126** can be coupled to crown piece **120** in many different ways. In the embodiments shown in FIG. **1** through FIG. **5**, hairpiece base **126** is glued to crown piece **120**. In device for supplementing human hair **110** according to the invention, hairpiece base **126** can be adhesively coupled to crown piece **120** with any suitable glue, adhesive, epoxy, or other bonding material.

In some embodiments hairpiece base **126** is coupled to crown piece **120** with pairs of coupling elements. For example, in one embodiment of device for supplementing human hair **110** according to the invention, hook and loop attachments are used to couple hairpiece base **126** to crown piece **120**. The hook portion or the loop portion can be coupled to hairpiece base **126**, and the other mating portion coupled to crown piece **120**. In another example, snaps are used to couple hairpiece base **126** to crown **120**, with half of the snap connectors mounted to hairpiece base **126** and the other snap mating halves coupled to crown piece **120**.

In another particular embodiment, hairpiece base **126** includes one or more than one pocket which receives crown piece **120**. In some embodiments hairpiece base **126** include one pocket which receives crown piece **120**. In some embodiments hairpiece base **126** includes two pockets which receive crown piece **120**. Using pockets to attach hairpiece base **126** to crown piece **120** is shown in FIG. **9** through FIG. **11**. FIG. **9** and FIG. **10** show top and bottom views, respectively, of one embodiment of hairpiece **114** according to the invention, including hairpiece base **126** and set of hair **128**. FIG. **11** shows a bottom perspective view of an embodiment of device for supplementing human hair **110** according to the invention where device for supplementing human hair **110** includes hairpiece **114** as shown in FIG. **9** and FIG. **10**. In this embodiment hairpiece base **126** includes front pocket **130** and rear pocket **132**, as shown in FIG. **9** and FIG. **10**. Front pocket **130** receives front portion **134** of crown piece **120**, as shown in FIG. **11**. Rear pocket **132** receives rear portion **136** of crown piece **120**, as shown in FIG. **11**. With crown piece **120** enclosed by pockets **130** and **132**, hairpiece **114** is held securely to crown piece **120**, which holds hairpiece **114** to headband **112**. In this way device for supplementing human hair **110** includes hairpiece base **126** which includes one or more than one pocket **130** and **132**, where the one or more than one pocket **130** and **132** receives crown piece **120**.

In another embodiment hairpiece base **126** is coupled to crown piece **120** by using stitches to sew hairpiece base **126** to crown piece **120**. This embodiment is shown in FIG. **12**. FIG. **12** is a bottom perspective view of an embodiment of device for supplementing human hair **110** according to the invention where hairpiece base **126** is sewn to crown piece **120**. In this embodiment crown piece **120** include holes **142** (one of several numbered). Holes **142** can be used to pass thread **144** (one of several numbered) or other filament through to sew hairpiece base **126** onto crown piece **120**. In some embodiments holes **142** are used to tie hairpiece base **126** to crown piece **120**. These are only a few examples of how hairpiece **114** can be coupled to crown piece **120**. It is to be understood that hairpiece **114** can be coupled to headband **112** in any way which holds hairpiece **114** to headband **112**. It is to be understood that hairpiece base **126** can be coupled to crown piece **120** in any way which holds hairpiece base **126** to crown piece **120**.

FIG. **13** shows method **200** of forming a hair supplementing device according to the invention. Method **200** includes step **220** obtaining a headband, where the headband comprises a crown piece, and step **240** obtaining a hairpiece, where the hairpiece comprises means to couple the hairpiece to the crown piece. Method **200** can include many other steps. In some embodiment method **200** includes the step of coupling the hairpiece to the crown piece. In some embodiments method **200** includes the step of placing the hair supplementing device on the head of a user to cut the set of hair of the hairpiece such that it is integrated into the hairstyle of the user's existing hair. In some embodiments method **200** includes the step of placing the hair supplementing device on the head of a user to color or otherwise style the set of hair of the hairpiece such that it integrates into the hairstyle of the user's existing hair.

Step **220** obtaining a headband, wherein the headband comprises a crownpiece, can include any steps involved in forming, creating, or procuring a headband that includes a crown piece. In some embodiments the step of obtaining a headband according to the invention includes the steps of forming a crown piece, coupling a first headband arm to the crown piece, and coupling a second headband arm to the crown piece. In some embodiments the step of obtaining a headband according to the invention includes the steps of forming a headband body portion, forming a crown piece, and

coupling the crown piece to the headband body portion. In some embodiments the step of obtaining a headband according to the invention includes the steps of forming a headband body portion, coupling a crown piece front portion to the headband body portion, and coupling a crown piece rear portion to the headband body portion. In some embodiments this step includes forming a crown piece front portion. In some embodiments this step includes forming a crown piece rear portion. In some embodiments the step of obtaining a headband according to the invention includes the step of forming a headband with an integral crown piece. Step **220** obtaining a headband, wherein the headband comprises a crownpiece, can include many other steps. In some embodiments the step of obtaining a headband according to the invention includes the steps of obtaining a headband body portion, and forming a crown piece with holes, wherein the holes can be used to sew the hairpiece to the crown piece.

Step **240** obtaining a hairpiece, where the hairpiece comprises means to couple the hairpiece to the crown piece, can include any steps involved in forming, creating, or procuring a hairpiece that has means to couple the hairpiece to the crown piece. In some embodiments of method **200** according to the invention, step **240** includes forming a hairpiece with a hairpiece base, where the hairpiece base comprises one or more than one pocket for receiving the crown piece. In some embodiments obtaining a hairpiece includes the step of attaching a set of hair to a hairpiece base. In some embodiments obtaining a hairpiece includes the step of obtaining a hairpiece with a hairpiece base, where the hairpiece base includes snaps for coupling the hairpiece base to the crown piece.

The embodiments and examples set forth herein were presented in order to best explain the present invention and its practical application and to thereby enable those of ordinary skill in the art to make and use the invention. However, those of ordinary skill in the art will recognize that the foregoing description and examples have been presented for the purposes of illustration and example only. The description as set forth is not intended to be exhaustive or to limit the invention to the precise form disclosed. Many modifications and variations are possible in light of the teachings above.

The invention claimed is:

1. A device for supplementing human hair comprising:

a headband shaped to frictionally engage a human scalp comprising a headband body portion, wherein the headband body portion frictionally engages the human scalp, and

a crown piece coupled to the headband body portion; and

a hairpiece coupled to the headband, wherein the hairpiece comprises a hairpiece base and a set of hair coupled to the hairpiece base, wherein the hairpiece base couples to the crown piece and comprises one or more than one pocket which receives the crown piece.

2. The device of claim **1**, wherein the hairpiece base is glued to the crown piece.

3. The device of claim **1** , wherein the hairpiece base is sewn to the crown piece.

4. A hair supplementing device comprising:

a headband shaped to frictionally engage the human scalp, the headband comprising:

a headband body portion, wherein the headband body portion frictionally engages the human scalp;

a crown piece coupled to the headband body portion; and

a hairpiece coupled to the crown piece, the hairpiece comprising:

a hairpiece base, wherein the hairpiece base couples to the crown piece, and wherein the hairpiece base comprises one or more than one pocket which receives the crown piece.

5. The device of claim **4**, wherein the crown piece is removably coupled to the headband.

6. The device of claim **4**, wherein the crown piece is an integral part of the headband.

7. The device of claim **4**, wherein the hairpiece is removably coupled to the crown piece.

8. The device of claim **4**, wherein the crown piece further comprises:

a front portion, wherein the front portion extends out from a headband body portion in a frontward direction; and

a rear portion, wherein the rear portion extends out from the headband body portion in a rearward direction.

9. The device of claim **4**, wherein the crown piece has a length of about 2 and ½ inches.

10. The device of claim **4**, wherein the crown piece has a width of about 1 and ⅞ inches.

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